

IA2 Review

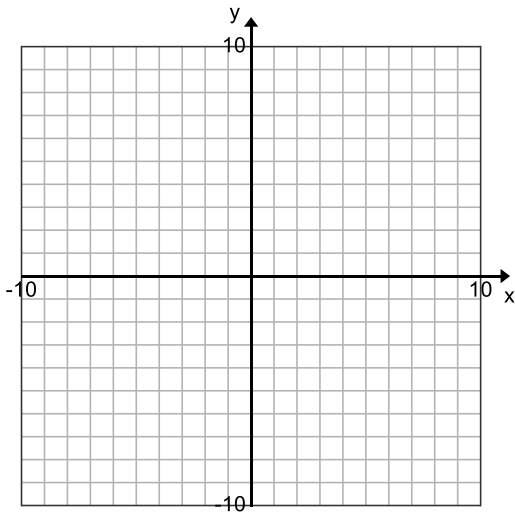
Solving Systems using:  
Graphing and Substitution

Name \_\_\_\_\_

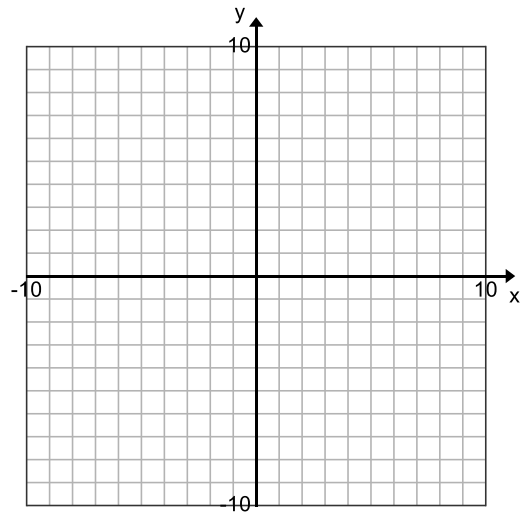
Period \_\_\_\_\_ Date \_\_\_\_\_

Solve each system by graphing.

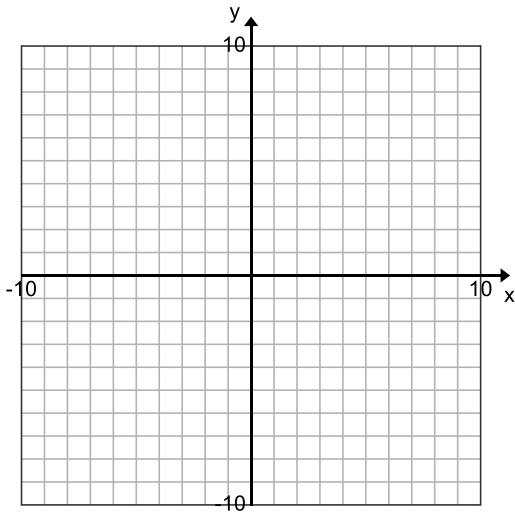
1)  $y = \frac{1}{2}x - 4$  (   ,   )  
 $y = -\frac{2}{3}x + 3$



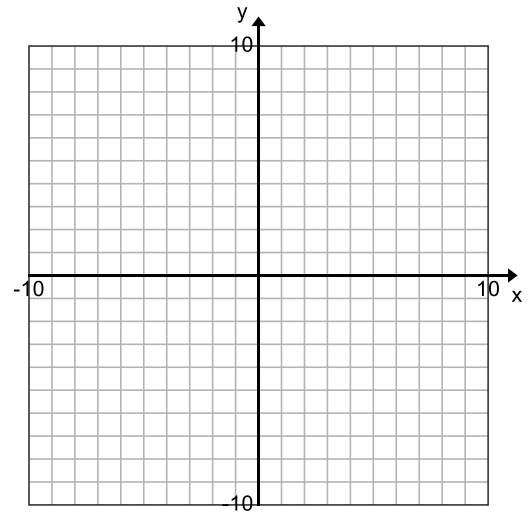
2)  $y = -\frac{4}{3}x - 4$  (   ,   )  
 $y = \frac{2}{3}x - 10$



3)  $y = 2x$  (   ,   )  
 $y = -x + 3$



4)  $y = -\frac{1}{2}x + 2$  (   ,   )  
 $y = \frac{5}{6}x + 2$



Solve each system by the method of substitution.

$$5) \begin{cases} x = 2y + 9 \\ 3x + y = -22 \end{cases}$$

$$6) \begin{cases} 3x - y = 9 \\ 3x - 4y = 18 \end{cases}$$

$$7) \begin{cases} y = 2x + 5 \\ y = -3x - 10 \end{cases}$$

$$8) \begin{cases} 4x + y = 10 \\ 7x + 2y = 16 \end{cases}$$

$$9) \begin{cases} 2x + y = -1 \\ 2y = -4x - 2 \end{cases}$$

$$10) \begin{cases} y = 2x + 3 \\ x = y + 1 \end{cases}$$